

ABSTRACT

5 A quick-release tube clamp and method therefor for locking
and releasing a prosthetic pylon/foot component from the socket. The
quick-release tube clamp includes a tubular portion, an annular socket
portion, and a clamp portion. The tubular portion has a formed slot
along a longitudinal length of the tubular portion. The tubular portion
forms a cylindrical opening with an inner diameter slightly larger than
the outer diameter of the tubular pylon. The annular socket at the
upper end of the tubular portion attaches to the socket of the modular
10 lower limb prosthetic system. The clamp portion is located near the
lower end of the tubular portion and firmly locks the tubular portion
around the tubular pylon when the tubular pylon is inserted into the
tubular position and provides a releasing position for removal of the
tubular pylon.